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Figure 1. Lexical structure tree of the symbol strings of the Zhu-Yin (BoPoMoFo) phonetic system.

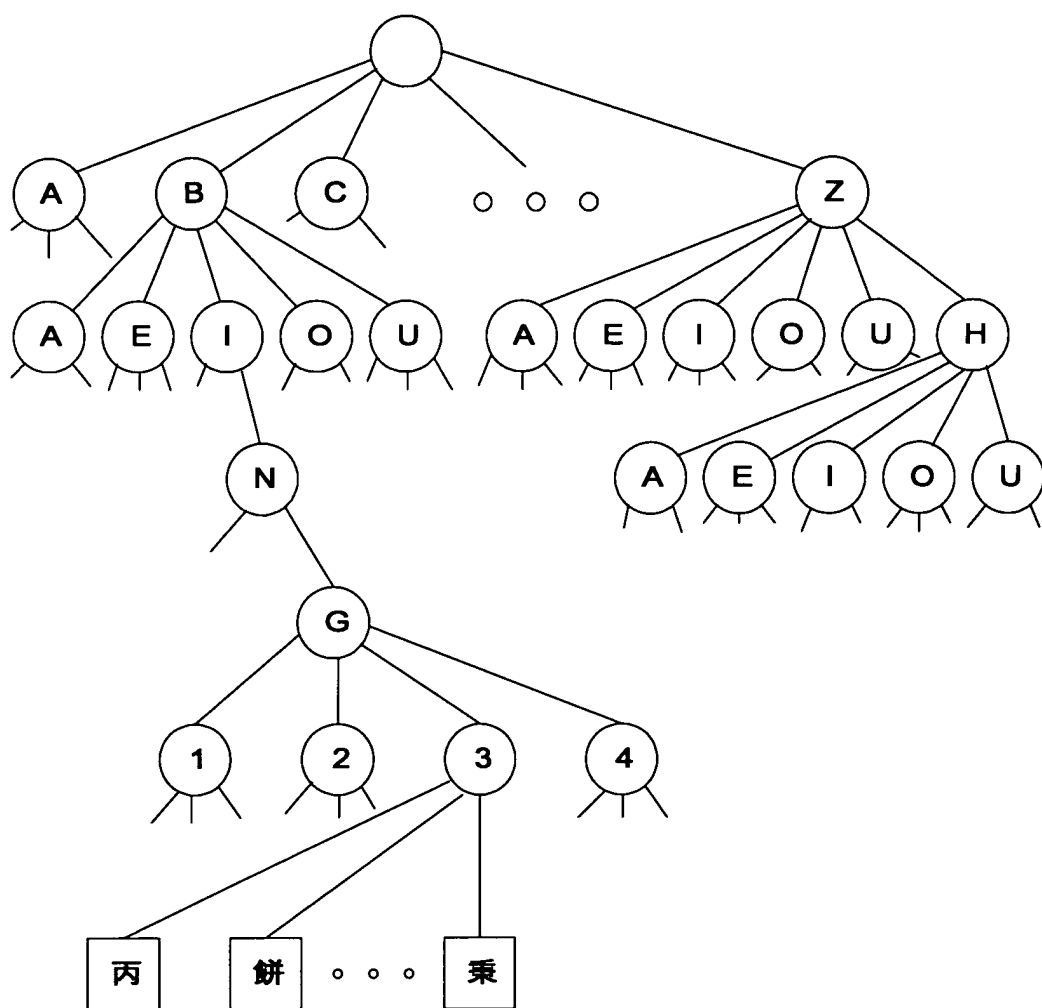


Figure 2. Lexical structure tree of the symbol strings of the Pin-Yin phonetic system.

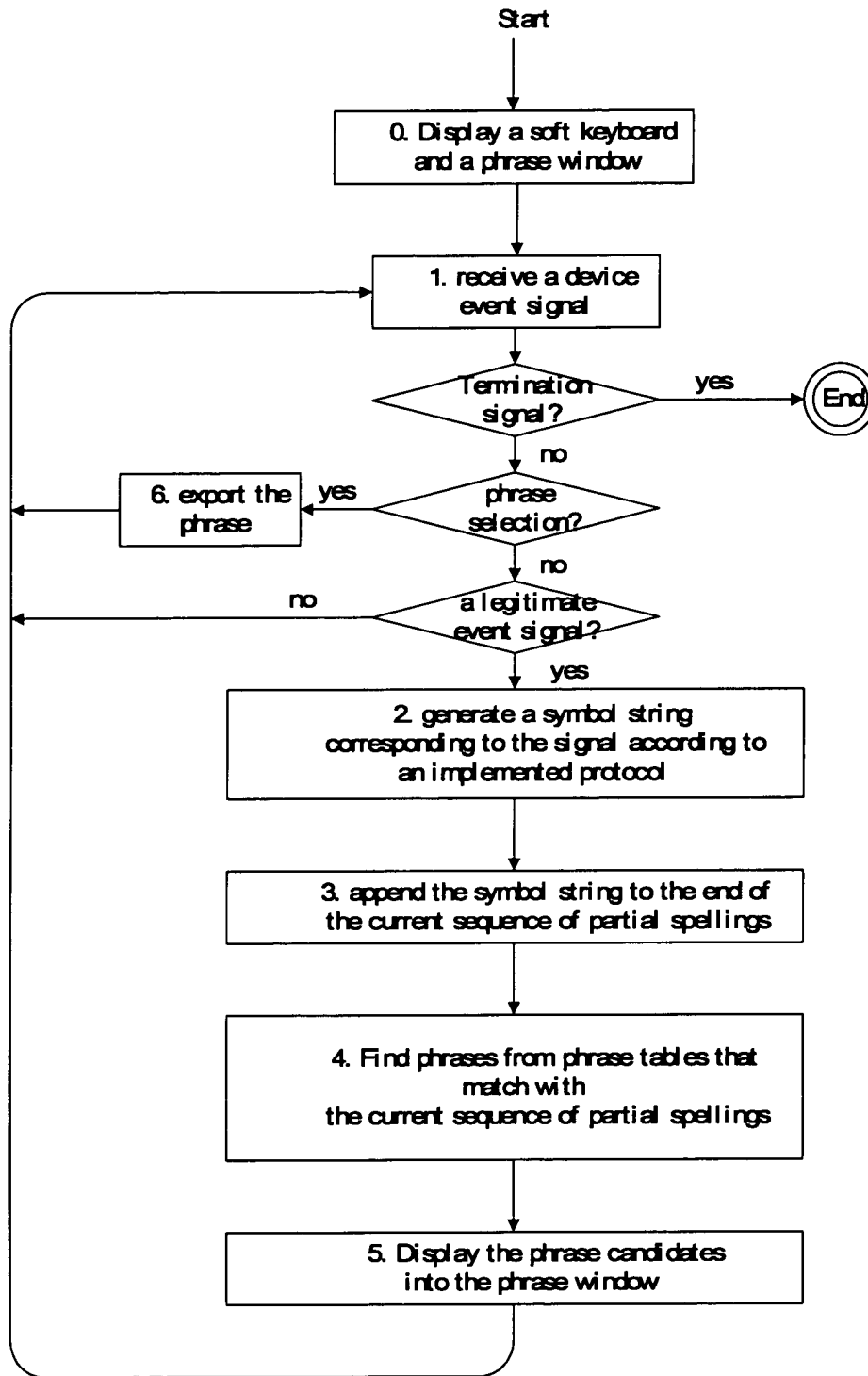


Figure 3. Flow chart of the program that supports the browsing-base Chinese input method.

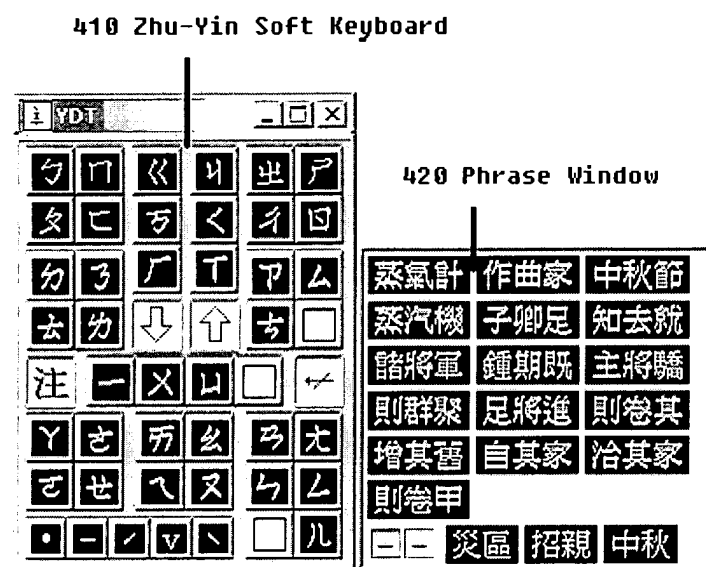


Figure 4. System components (Zhu-Yin phonetic system).

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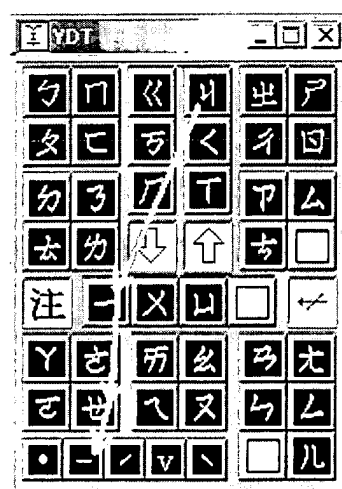
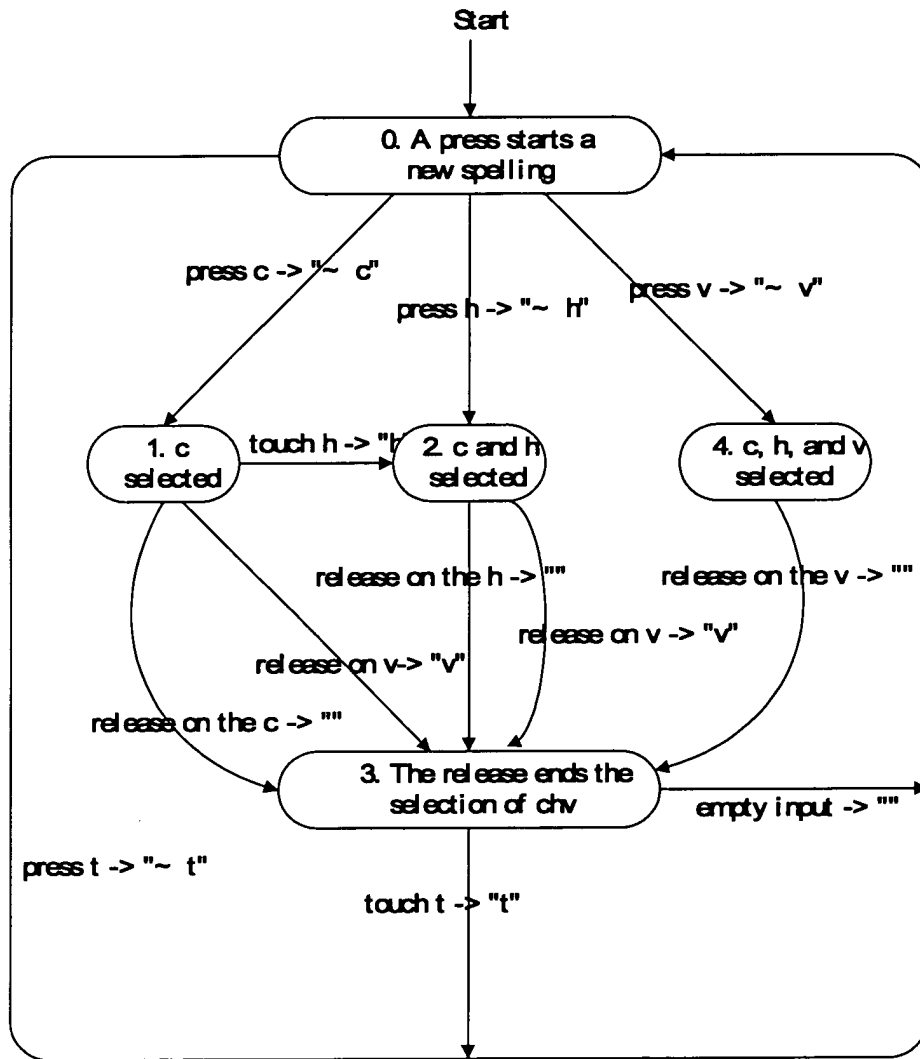


Figure 5. Press-Touch-Release-Touch (PTRT) operation for “ㄣ 一 ㄗ ㄌ”

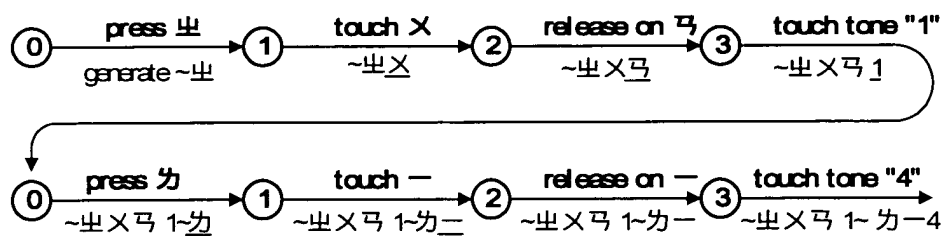
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on the Zhu-Yin Keyboard.



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Figure 6. State transition diagram of the
automatic partial Zhu-Yin spelling separation protocol.



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Figure 7. Generation of the sequence of the full Zhu-Yin Spellings “~出 X 马 1~力- 4” of “專利”.

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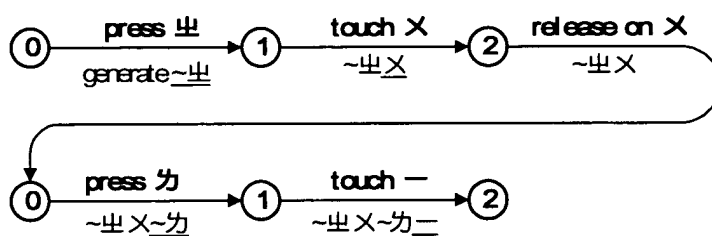


Figure 8. Generation of the sequence of the partial Zhu-Yin Spellings “~出 X~力-” of “專利”.

910 Pin-Yin Initial keyboard

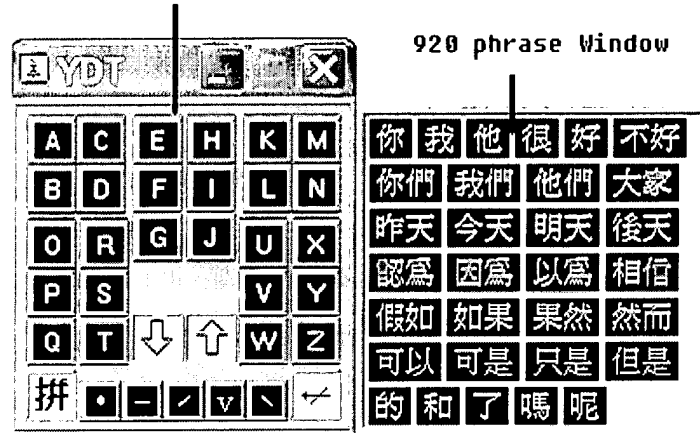
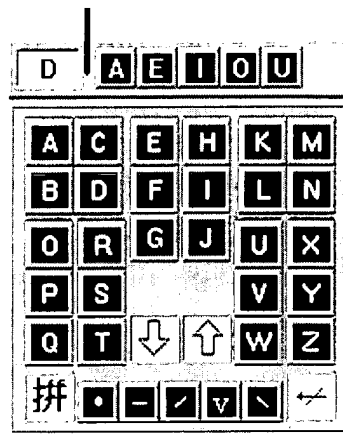


Figure 9. System components (Pin-Yin phonetic system).

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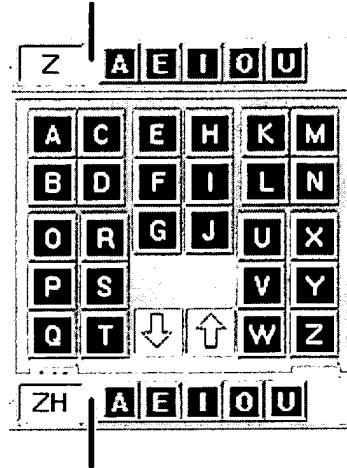
1010 The next substring panel of "D"



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Figure 10. The next substring panel of "D".

1110 The first next substring panel of "Z"



1120 The second next substring panel of "Z"

Figure 11. The next substring panels of "Z".

(Pin-Yin phonetic system)

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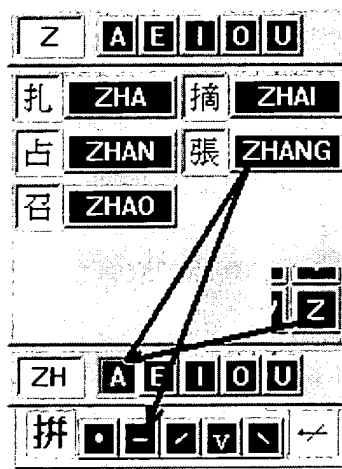


Figure 12. Press-Touch-Release-Touch operation for "ZHANG1"

on the Pin-Yin keyboard.

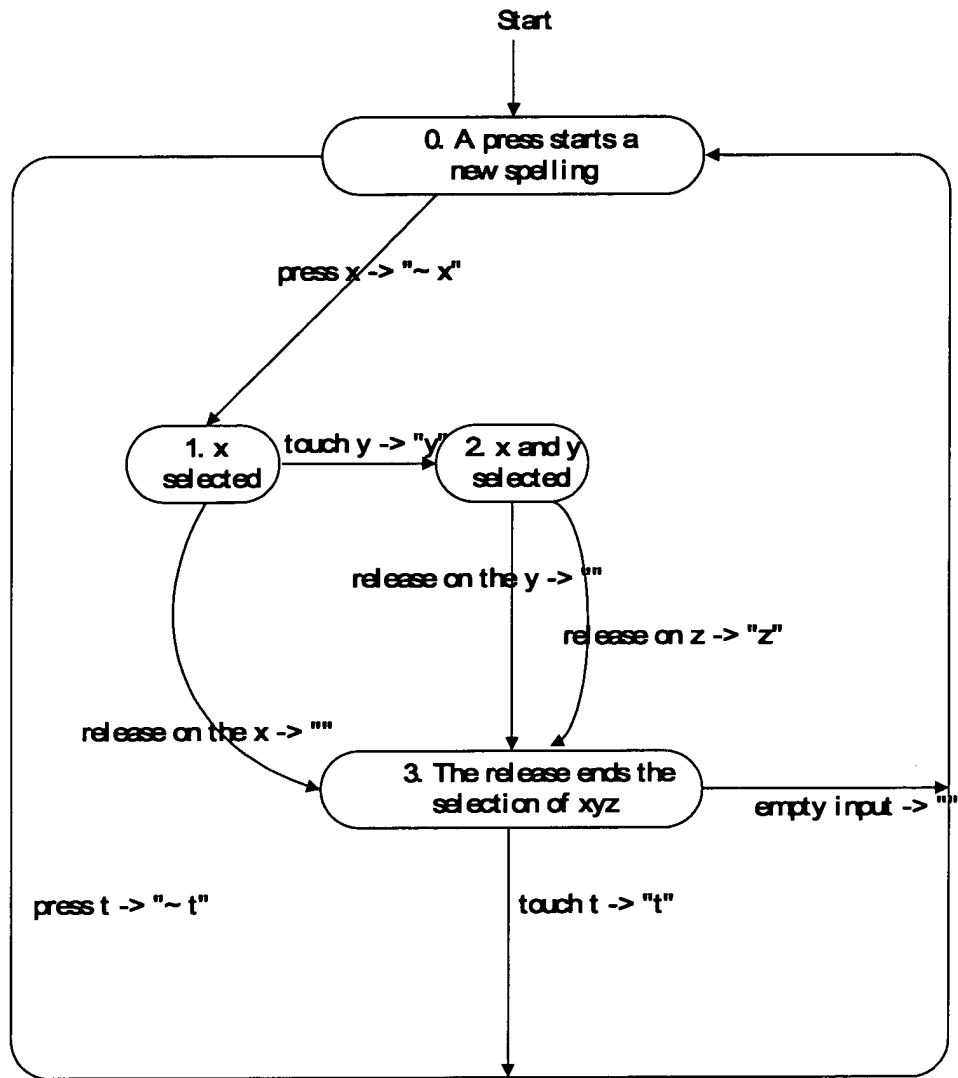
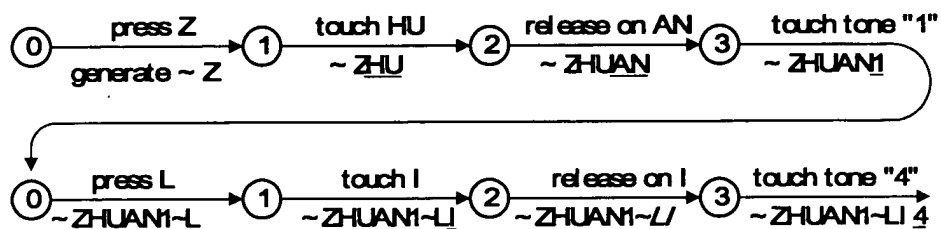


Figure 13. State transition diagram of the
automatic partial Pin-Yin spelling separation protocol.



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Figure 14. Generation of the sequence of the full Pin-Yin Spellings “~ZHUAN1 ~ LI4” of “專利”.

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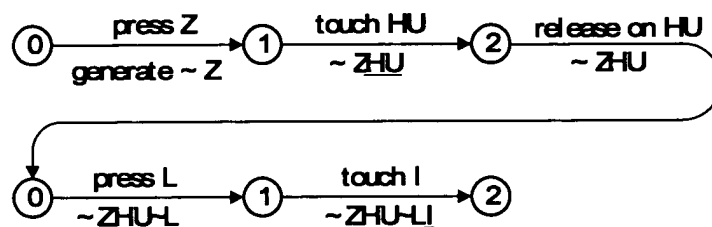


Figure 15. Generation of the sequence of the partial Pin-Yin Spellings “~ZHU ~ LI” of “專利”.